Index to Volume 53

Authors and Titles

Acuña CA, Martinez EJ, Quarin CL
Sexual diploid and apomictic tetraploid races in *Thrasya petrosa* (Gramineae) 479
Adams M
See Jusaitis M *et al.* 535
Aizen MA
Breeding system of *Tristerix corymbosus* (Loranthaceae), a winter-flowering mistletoe from the southern Andes 357
Apóstolo NM
See Castro MA *et al.* 69
Appezzato-da-Glória B
See Hissae Hayashi A *et al.* 273
Arambarri AM, Stenglein SA, Colares MN, Novoa MC
Taxonomy of the New World species of *Lotus* (Leguminosae: Loteae) 797
Ash A
See Stokes C *et al.* 677
Auld TD
See Jenkins ME *et al.* 101
Auld TD, Denham AJ
A technique to estimate the pre-fire depth of burial of *Grevillea* seeds by using seedlings after fire 401
Azevedo AA
See Campos da Silva L *et al.* 789

Bancroft WJ, Roberts JD, Garkaklis MJ
Burrowing seabirds drive decreased diversity and structural complexity, and increased productivity in insular-vegetation communities 231
Banfai DS, Bowman DMJS
Dynamics of a savanna-forest mosaic in the Australian monsoon tropics inferred from stand structures and historical aerial photography 185
Banks JCG
See Cook GD *et al.* 821
See Heinrich I *et al.* 21
Barbour RC, Potts BM, Vaillancourt RE
Gene flow between introduced and native *Eucalyptus* species: crossability of native Tasmanian species with exotic *E. nitens* 465
Barrett DJ, Hill MJ, Hutley LB, Beringer J, Xu JH, Cook GD, Carter JO, Williams RJ
Prospects for improving savanna biophysical models by sing multiple-constraints model–data-assimilation methods 689
Barry K
See Pickering CM *et al.* 517
Becerra-LopezLavalle LA, Saleeba JA, Lyon BR
Molecular identification of fungi isolated from stem tissue of Upland cotton (*Gossypium hirsutum*) 571
Bell TL
See Walters JR *et al.* 195
Beringer J
See Barrett DJ *et al.* 689
See Hutley LB *et al.* 663
Bieleski RL, Briggs BG
Taxonomic patterns in the distribution of polyols within the Proteaceae 205
Blackman CJ, Jordan GJ, Wiltshire RJE
Leaf gigantism in coastal areas: morphological and physiological variation in four species on the Tasman Peninsula, Tasmania 91
Bonser SP
See Mathews S *et al.* 501
Bowman DMJS
See Banfai DS *et al.* 185
See Prior LD *et al.* 323
Bowman DMJS, Prior LD
Turner Review No. 10. Why do evergreen trees dominate the Australian seasonal tropics? 379
Bray S
See Krull E *et al.* 651
Briggs BG
See Bieleski RL *et al.* 205
Brodribb T, Holbrook NM, Hill RS
Seedling growth in conifers and angiosperms: impacts of contrasting xylem structure 749
Burson BL
See Price HJ *et al.* 579

Caldiz MS, Premoli AC
Isozyme diversity in large and isolated populations of *Luma apiculata* (Myrtaceae) in north-western Patagonia, Argentina 781
Campos da Silva L, Azevedo AA, Monteiro da Silva EA, Oliva MA
Effects of simulated acid rain on the growth of five Brazilian tree species and anatomy of the most sensitive species (*Joannesia princeps*) 789
Carter J
See Henry B *et al.* 589
See Williams RJ *et al.* 583
Carter JO
See Barrett DJ *et al.* 689
See Hill MJ *et al.* 715
Castro MA, Apóstolo NM, De Magistris AA
Bark anatomy of *Nothofagus* species (Nothofagaceae) indigenous to the Andean–Patagonian Forest, Argentina 69
Chalmers A, McIntyre S, Whalley RDB, Reid N
Grassland species response to soil disturbance and nutrient enrichment on the Northern Tablelands of New South Wales 485
Chen X
See Cook GD *et al.* 621
See Williams RJ 607
Chisholm L
See Stone C *et al.* 45
Chong C, Walker KF
Does lignum rely on a soil seed bank? Germination and reproductive phenology of *Muehlenbeckia florulenta* (Polygonaceae) 407
Clarke S, French K
Germination response to heat and smoke of 22 Poaceae species from grassy woodlands 445
Cleugh HA
See Hutley LB *et al.* 663
Clissold FJ
See Gras EK *et al.* 33
Colares MN
See Arambarri AM *et al.* 797

Comley BWT, McGuinness KA
Above- and below-ground biomass, and allometry, of four common northern Australian mangroves 431
Conran JG
See Hinchliffe J *et al.* 133
Cook GD
See Barrett DJ *et al.* 689
See Williams RJ *et al.* 583
Cook GD, Liedloff AC, Eager RW, Chen X, Williams RJ, O'Grady AP, Hutley LB
The estimation of carbon budgets of frequently burnt tree stands in savannas of northern Australia using allometric analysis and isotopic discrimination 621
Cook GD, Taylor RJ, Williams RJ, Banks JCG
Sustainable harvest rates of ironwood, *Erythrophleum chlorostachys*, in the Northern Territory, Australia 821
Coops NC, Stone C
A comparison of field-based and modelled reflectance spectra from damaged *Pinus radiata* foliage 417
Coupland GT, Paling EI, McGuinness KA
Vegetative and reproductive phenologies of four mangrove species from northern Australia 109
Cowie A
See Henry B *et al.* 589
Cramp AP
See Harms BP *et al.* 639

Dalal RC
See Harms BP *et al.* 639
De Magistris AA
See Castro MA *et al.* 69
Denham AJ
See Auld TD *et al.* 401
Dickson CR
See Petit S *et al.* 455
Dillon SL
See Price HJ *et al.* 579
Doley D
See Walters JR *et al.* 251
Douglas MM
See Flores TA *et al.* 243
Duff GA
See Williams RJ *et al.* 583

Eager RW
See Cook GD *et al.* 621
Eamus D
See Prior LD *et al.* 323
Eamus D, Macinnis-Ng CMO, Hose GC, Zeppel MJB, Taylor DT, Murray BR
Turner Review No. 9. Ecosystem services: an ecophysiological examination 1
Eldridge DJ
See Thompson WA *et al.* 545, 555

Farrer SL
See Williams RJ *et al.* 583
Fensham RJ
Monitoring standing dead wood for carbon accounting in tropical savanna 631
Flores TA, Setterfield SA, Douglas MM
Seedling recruitment of the exotic grass *Andropogon gayanus* (Poaceae) in northern Australia 243

French K
See Clarke S *et al.* 445

Garkaklis MJ
See Bancroft WJ *et al.* 231
Gong Xun
See Xiao Longqian *et al.* 219
Goodwin N, Turner R, Merton R
Classifying *Eucalyptus* forests with high spatial and spectral resolution imagery: an investigation of individual species and vegetation communities 337
Gorman J
See Griffiths AD *et al.* 771
Gras EK, Read J, Mach CT, Sanson GD, Clissold FJ
Herbivore damage, resource richness and putative defences in juvenile *versus* adult *Eucalyptus* leaves 33
Greiner R
See Vella KJ *et al.* 739
Gresshoff PM
See Taylor KJ *et al.* 437
Griffiths AD, Schult HJ, Gorman J
Wild harvest of *Cycas arnhemica* (Cycadaceae): impact on survival, recruitment and growth in Arnhem Land, northern Australia 771
Growns DJ
See Newell C *et al.* 81, 281
Guerin G
Floral biology of *Hemigenia* and *Microcorys* (Lamiaceae) 147

Hao Gang
See Xiao Longqian *et al.* 219
Hardy GESt
See McDougall KL *et al.* 813
Harms BP, Dalal RC, Cramp AP
Changes in soil carbon and soil nitrogen after tree clearing in the semi-arid rangelands of Queensland 639
Heard KM
See McIntyre S *et al.* 757
Heinrich I, Banks JCG
Dendroclimatological potential of the Australian red cedar 21
Heliyanto B, Veneklaas EJ, Lambers H, Krauss SL
Preferential outcrossing in *Banksia ilicifolia* (Proteaceae) 163
Henry B, Mitchell C, Cowie A, Woldring O, Carter J
A regional interpretation of rules and good practice for greenhouse accounting: Northern Australian savanna systems 589
Hill MJ
See Barrett DJ *et al.* 689
Hill MJ, Roxburgh SH, Carter JO, McKeon GM
Vegetation state change and consequent carbon dynamics in savanna woodlands of Australia in response to grazing, drought and fire: a scenario approach using 113 years of synthetic annual fire and grassland growth 715
Hill RS
See Brodribb T *et al.* 749
See Read J *et al.* 297
Hinchliffe J, Conran JG
Life-class stages in coast daisy-bush (*Olearia axillaris*: Asteraceae) as a possible means of monitoring coastal dunes 133
Hissae Hayashi A, Appezzato-da-Glória B
The origin and anatomy of rhizophores in *Vernonia herbacea* and *V. platensis* (Asteraceae) from the Brazilian Cerrado 273

Hobbs RJ
See McDougall KL *et al.* 813
Hodnett GL
See Price HJ *et al.* 579
Hoffman M
See Williams RJ *et al.* 607
Holbrook NM
See Brodribb T *et al.* 749
Holtum J
See Stokes C *et al.* 677
Hope GS
See Read J *et al.* 297
Hose GC
See Eamus D *et al.* 1
House APN
See Walters JR *et al.* 251
Hunter RJ
See Taylor KJ *et al.* 437
Hutley LB
See Barrett DJ *et al.* 689
See Cook GD *et al.* 621
See Williams RJ *et al.* 607
Hutley LB, Leuning R, Beringer J, Cleugh HA
The Utility of the eddy covariance techniques as a tool in carbon accounting: tropical savanna as a case study 663

Irving DE
See Macnish AJ *et al.* 119

Jenkins ME, Morrison DA, Auld TD
Use of growth characteristics for predicting plant age of three obligate-seeder Proteaceae species 101
Jianguang Xie, Shuguang Jian, Nian Liu
Genetic variation in the endemic plant *Cycas debaoensis* on the basis of ISSR analysis 141
Jones RC, McKinnon GE, Potts BM, Vaillancourt RE
Genetic diversity and mating system of an endangered tree *Eucalyptus morrisbyi* 367
Jordaan A, Krüger H
Development and functional anatomy of pods of *Colophospermum mopane* (Caesalpinioideae: Dietarieae) 55
Jordan GJ
See Blackman CJ *et al.* 91
Joyce DC
See Macnish AJ *et al.* 119
Jusaitis M, Adams M
Conservation implications of clonality and limited sexual reproduction in the endangered shrub *Acanthocladium dockeri* (Asteraceae) 535

Kinloch J
See McIntyre S *et al.* 757
Kirschbaum MUF
See Vella KJ *et al.* 739
Korczynskyj D, Lamont BB
Grasstree (*Xanthorrhoea preissii*) recovery after fire in two seasons and habitats 509
Krauss SL
See Heliyanto B *et al.* 163
Krüger H
See Jordaan A 55
Krull E, Bray S
Assessment of vegetation change and landscape variability by using stable carbon isotopes of soil organic matter 651

Lambers H
See Heliyanto B *et al.* 163
Lamont BB
See Korczynskyj D *et al.* 509
Lamont RW
See Shapcott A *et al.* 171
Leuning R
See Hutley LB *et al.* 663
Li Xiaoming
See Tobe K *et al.* 529
Liedloff AC
See Cook GD *et al.* 621
Longcore JE
Zoosporic fungi from Australian and New Zealand tree-canopy detritus 259
Lowe AJ
See Taylor KJ *et al.* 437
Lyon BR
See Becerra-LopezLavalle LA *et al.* 571

Mach CT
See Gras EK *et al.* 33
Macinnis-Ng CMO
See Eamus D *et al.* 1
Macnish AJ, Irving DE, Joyce DC, Vithanage V, Wearing AH
Anatomy of ethylene-induced floral-organ abscission in *Chamelaucium uncinatum* (Myrtaceae) 119
Martin TG
See McIntyre S *et al.* 757
Martinez EJ
See Acuña CA *et al.* 479
Mathews S, Bonser SP
Life histories, ecological tolerance limits, and the evolution of geographic range size in *Eucalyptus* (Myrtaceae) 501
McComb JA
See Newell C *et al.* 81, 281
McDonald S
See Stone C *et al.* 45
McDougall KL, Hobbs RJ, Hardy GEStJ
Distribution of understorey species in forest affected by *Phytophthora cinnamomi* in south-western Western Australia 813
McGuinness KA
See Comley BWT *et al.* 431
See Coupland GT *et al.* 109
McIntyre S
See Chalmers A *et al.* 485
McIntyre S, Martin TG, Heard KM, Kinloch J
Plant traits predict impact of invading species: an analysis of herbaceous vegetation in the subtropics 757
McKeon GM
See Hill MJ *et al.* 715
McKinnon GE
See Jones RC *et al.* 367
McKinnon GE, Potts BM, Steane DA, Vaillancourt RE
Population and phylogenetic analysis of the cinnamoyl coA reductase gene in *Eucalyptus globulus* (Myrtaceae) 827
Merton R
See Goodwin N *et al.* 337
Mitchell C
See Henry B *et al.* 589
Montagu K
See Williams RJ *et al.* 607

Monteiro da Silva EA
See Campos da Silva L *et al.* 789
Morrison DA
See Jenkins ME *et al.* 101
Murray BR
See Eamus D *et al.* 1

Newell C, Growns DJ, McComb JA
A novel *in vitro* rooting method employing an aerobic medium 81
Corrigendum to: A novel *in vitro* rooting method employing an aerobic medium 281
Nian Liu
See Jianguang Xie *et al.* 141
Novoa MC
See Arambarri AM *et al.* 797

O'Grady AP
See Cook GD *et al.* 621
Oliva MA
See Campos da Silva L *et al.* 789
Omasa K
See Tobe K *et al.* 529

Paling EI
See Coupland GT *et al.* 109
Panetta FD
See Vivian-Smith G *et al.* 225
Petit S, Dickson CR
Grass-tree (*Xanthorrhoea semiplana*, Liliaceae) facilitation of the endangered pink-lipped spider orchid (*Caladenia* syn. *Arachnorchis behrii*, Orchidaceae) varies in South Australia 455
Pickering CM, Barry K
Size/age distribution and vegetative recovery of *Eucalyptus niphophila* (snowgum, Myrtaceae) one year after fire in Kosciuszko National Park 517
Potts BM
See Barbour RC *et al.* 465
See Jones RC *et al.* 367
See McKinnon GE *et al.* 827
Premoli AC
See Caldiz MS *et al.* 781
Price HJ, Hodnett GL, Burson BL, Dillon SL, Rooney WL
A *Sorghum bicolor* × *S. macrospermum* hybrid recovered by embryo rescue and culture 579
Prior LD
See Bowman DMJS *et al.* 379
Prior LD, Bowman DMJS, Eamus D
Intra-specific variation in leaf attributes of four savanna tree species across a rainfall gradient in tropical Australia 323

Quarin CL
See Acuña CA *et al.* 479

Read J
See Gras EK *et al.* 33
Read J, Hope GS, Hill RS
Phytogeography and climate analysis of *Nothofagus* subgenus *Brassospora* in New Guinea and New Caledonia 297
Read S
See Walters JR *et al.* 195
Reid N
See Chalmers A *et al.* 485
Roberts JD
See Bancroft WJ *et al.* 231
Rooney WL
See Price HJ *et al.* 579
Rossetto M
See Taylor KJ *et al.* 437
Roxburgh SH
See Hill MJ *et al.* 715

Saleeba JA
See Becerra-LopezLavalle LA *et al.* 571
Sanson GD
See Gras EK *et al.* 33
Schult HJ
See Griffiths AD *et al.* 771
Sedgley M
See Wallwork MAB *et al.* 347
Setterfield SA
See Flores TA *et al.* 243
Shapcott A, Lamont RW, Thomson A
How do rare *Boronia* species differ from their more widespread congeners? 171
Shuguang Jian
See Jianguang Xie *et al.* 141
Sinclair R
Long-term changes in vegetation, gradual and episodic, on the TGB Osborn Vegetation Reserve, Koonamore, South Australia (1926–2002) 283
Smajgl A
See Vella KJ *et al.* 739
Steane DA
See McKinnon GE *et al.* 827
Stenglein SA
See Arambarri AM *et al.* 797
Stokes C, Ash A, Tibbett M, Holtum J
OzFACE: the Australian savanna free air CO_2 enrichment facility and its relevance to carbon-cycling issues in a tropical savanna 677
Stone C
See Coops NC *et al.* 417
Stone C, Chisholm L, McDonald S
Effects of leaf age and psyllid damage on the spectral reflectance properties of *Eucalyptus saligna* foliage 45

Taylor DT
See Eamus D *et al.* 1
Taylor KJ, Lowe AJ, Hunter RJ, Ridgway T, Gresshoff PM, Rossetto M
Genetic diversity and regional identity in the Australian remnant *Nothofagus moorei* 437
Taylor RJ
See Cook GD *et al.* 821
Thompson WA, Eldridge DJ
Plant cover and composition in relation to density of *Callitris glaucophylla* (white cypress pine) along a rainfall gradient in eastern Australia 545
White cypress pine (*Callitris glaucophylla*): a review of its roles in landscape and ecological processes in eastern Australia 555
Thomson A
See Shapcott A *et al.* 171
Tian Bo
See Xiao Longqian *et al.* 219
Tibbett M
See Stokes C *et al.* 677

Tierney DA, Wardle GM
Differential seed ecology in the shrubs *Kunzea rupestris*, *K. capitata* and associated hybrids (Myrtaceae): the function of thin-walled fruit in a fire-prone vegetation 313
Tobe K, Li Xiaoming, Omasa K
Effects of irrigation on seedling emergence and seedling survival of a desert shrub *Haloxylon ammodendron* (Chenopodiaceae) 529
Turner R
See Goodwin N *et al.* 337

Vaillancourt RE
See Barbour RC *et al.* 465
See Jones RC *et al.* 367
See McKinnon GE *et al.* 827
Vella KJ, Williams RJ, Walker DH, Smajgl A, Kirschbaum MUF, Greiner R
Viewpoint: Social and economic dimensions of involving savanna communities in carbon management systems 739
Veneklaas EJ
See Heliyanto B *et al.* 163
Vithanage V
See Macnish AJ *et al.* 119
Vivian-Smith G, Panetta FD
Seedling recruitment, seed persistence and aspects of dispersal ecology of the invasive moth vine, *Araujia sericifera* (Asclepiadaceae) 225

Walker DH
See Vella KJ *et al.* 739
Walker KF
See Chong C *et al.* 407
Wallwork MAB, Sedgley M
Outcrossing in interspecific hybrids between *Eucalyptus spathulata* and *E. platypus* 347
Walters JR, Bell TL, Read S
Intra-specific variation in carbohydrate reserves and sprouting ability in *Eucalyptus obliqua* seedlings 195
Walters JR, House APN, Doley D
Water and nutrient availabilities do not affect lignotuber growth and sprouting ability of three eucalypt species of south-eastern Queensland 251
Wardle GM
See Tierney DA *et al.* 313
Wearing AH
See Macnish AJ *et al.* 119
Whalley RDB
See Chalmers A *et al.* 485
Whitney KD
Short Communication: evidence for simple genetic control of a fruit-colour polymorphism in *Acacia ligulata* 363
Williams RJ
See Barrett DJ *et al.* 689
See Cook GD *et al.* 621, 821
See Vella KJ *et al.* 739
Williams RJ, Carter J, Duff GA, Woinarski JCZ, Cook GD, Farrer SL
Carbon accounting, land management, science and policy uncertainty in Australian savanna landscapes: introduction and overview 583
Williams RJ, Zerihun A, Montagu K, Hoffman M, Hutley LB, Chen X
Allometry for estimating aboveground tree biomass in tropical and subtropical eucalypt woodlands: towards general predictive equations 607
Wiltshire RJE
See Blackman CJ *et al.* 91
Woinarski JCZ
See Williams RJ *et al.* 583
Woldring O
See Henry B *et al.* 589

Xiao Longqian, Gong Xun, Hao Gang, Xuejun Ge, Tian Bo, Zheng Sixiang
Comparison of the genetic diversity in two species of cycads 219
Xu JH
See Barrett DJ *et al.* 689
Xuejun Ge
See Xiao Longqian *et al.* 219

Zeppel MJB
See Eamus D *et al.* 1
Zerihun A
See Williams RJ *et al.* 607
Zheng Sixiang
See Xiao Longqian *et al.* 219